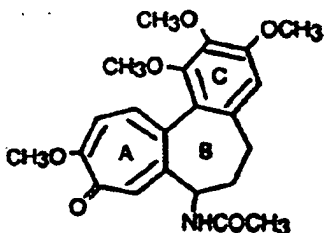




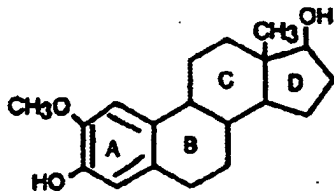
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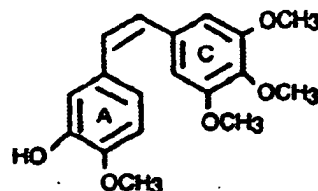
(54) Title: ESTROGENIC COMPOUNDS AS ANTI-MITOTIC AGENTS



COLCHICINE



2-METHOXYESTRADIOL



COMBRETASTATIN A-4

(57) Abstract

The application discloses methods of making medicaments for treating mammalian diseases characterized by abnormal cell mitosis by administering estradiol derivatives including those comprising colchicine or combretastatin A-4 structural motifs of general formulae found above in a dosage sufficient to inhibit cell mitosis. The application discloses novel compounds used in the methods.